

MAY 07 2007

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

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02/06/2007

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Suzanne M. Forno

(Depositor's name)

*Suzanne Forno*  
5/7/07

(Signature)

(Date)

FISH & RICHARDSON P.C.  
P.O. Box 1022  
Minneapolis, MN 55440-1022

05/08/2007 SSANDARI 00000010 10649187

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1400.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,187	08/26/2003	Nafca Bishara	MP0274/13341-051001	5250

TITLE OF INVENTION: ALIGNING IF PAYLOADS ON MEMORY BOUNDARIES FOR IMPROVED PERFORMANCE AT A SWITCH

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/07/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
LANE, JOHN A.	2185	711-201000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY and STATE OR COUNTRY)

Marvell International Ltd.

Hamilton, Bermuda

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050. (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

*Mark D. Kirkland*

(Date)

5-7-07

Typed or Printed Name Mark D. KirklandRegistration No. 40,048

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SUBSTITUTE PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

MAY 07 2007

Attorney's Docket No.: 13361-051001  
Client's Ref. No.: MP0274

**OFFICIAL COMMUNICATION FACSIMILE:**

**OFFICIAL FAX NO: (571) 273-8300**

Number of pages including this page 4

Applicant : Nafea Bishara  
Serial No. : 10/649,187  
Filed : August 26, 2003

Art Unit : 2185  
Examiner : John A. Lane

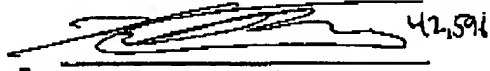
Title : Aligning IP Payloads On Memory Boundaries For Improved Performance At A Switch

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

A Response to Notice of Allowance, Part B-Fee Transmittal and Submission of Credit  
Card Payment dated 5/7/07 is attached.

Respectfully submitted,

Date: 5-7-07

  
for Mark D. Kirkland  
Reg. No. 40,048

Fish & Richardson P.C.  
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MAY 07 2007

Attorney's Docket No.: 13361-051001 / MP0274

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nafea Bishara  
Serial No. : 10/649,187  
Filed : August 26, 2003  
Title : ALIGNING IP PAYLOADS ON MEMORY BOUNDARIES FOR IMPROVED PERFORMANCE AT A SWITCH

Art Unit : 2185  
Examiner : John A. Lane  
Confirmation No.: 5250  
Notice of Allowance Date: 02/06/2007

## MAIL STOP ISSUE FEE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

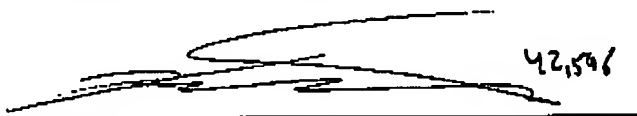
RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed October 2, 2006, enclosed are a completed issue fee transmittal form PTOL-85b and Submission of Credit Card Payment \$1400 for the required fee, including patent copies.

Please apply any additional charges or credits to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: 5-7-07

  
Mark D. Kirkland  
for Reg. No. 40,048

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## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Date of Transmission 5/7/07Signature Suzanne M. Forno

Suzanne M. Forno  
Typed or Printed Name of Person Signing Certificate